

Idaho STEM Action Center Organizational Meeting July 22, 2015

STEM Workforce Needs

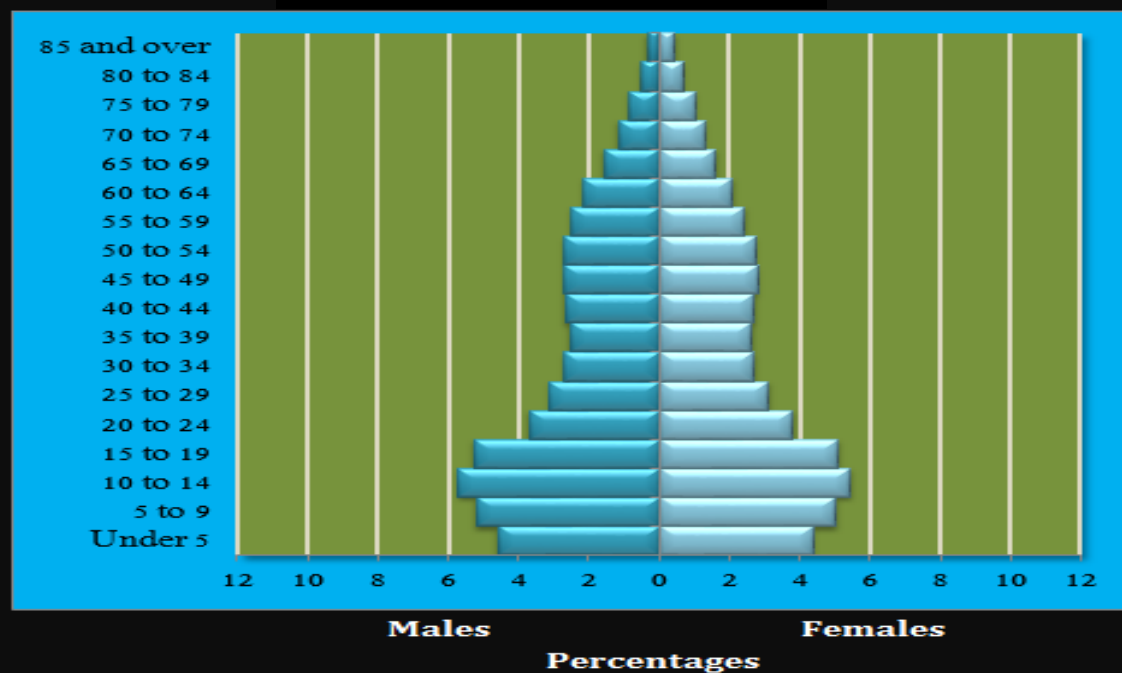
Workforce - #1 Challenge to Idaho's Economic Prosperity

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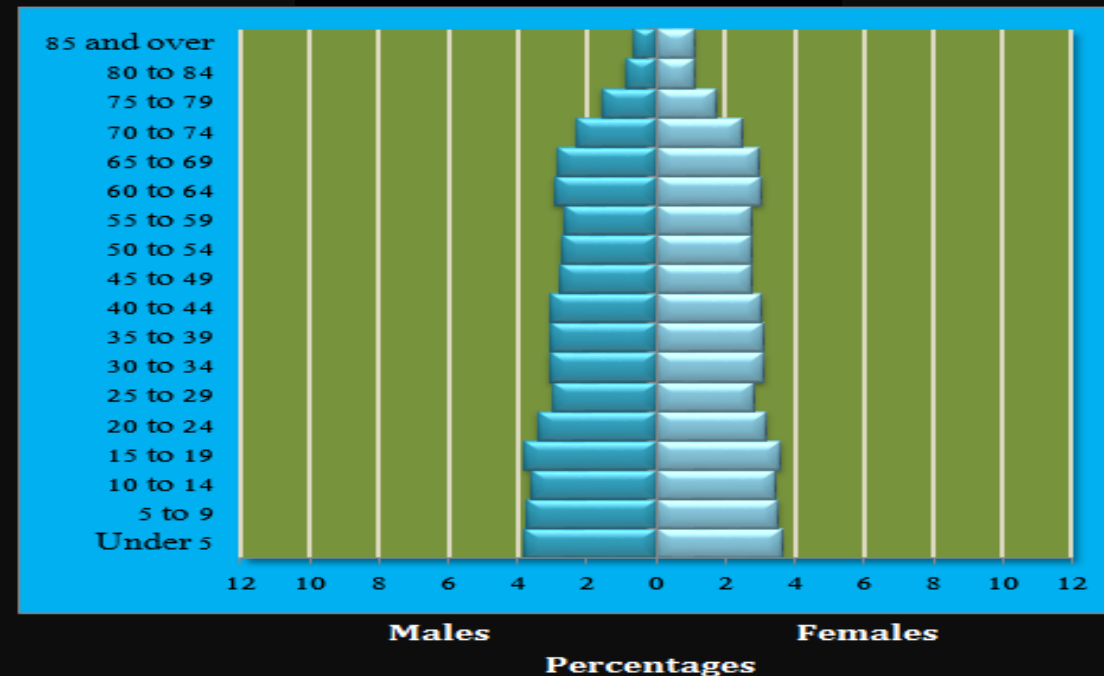


Population Trends

Idaho: 1970



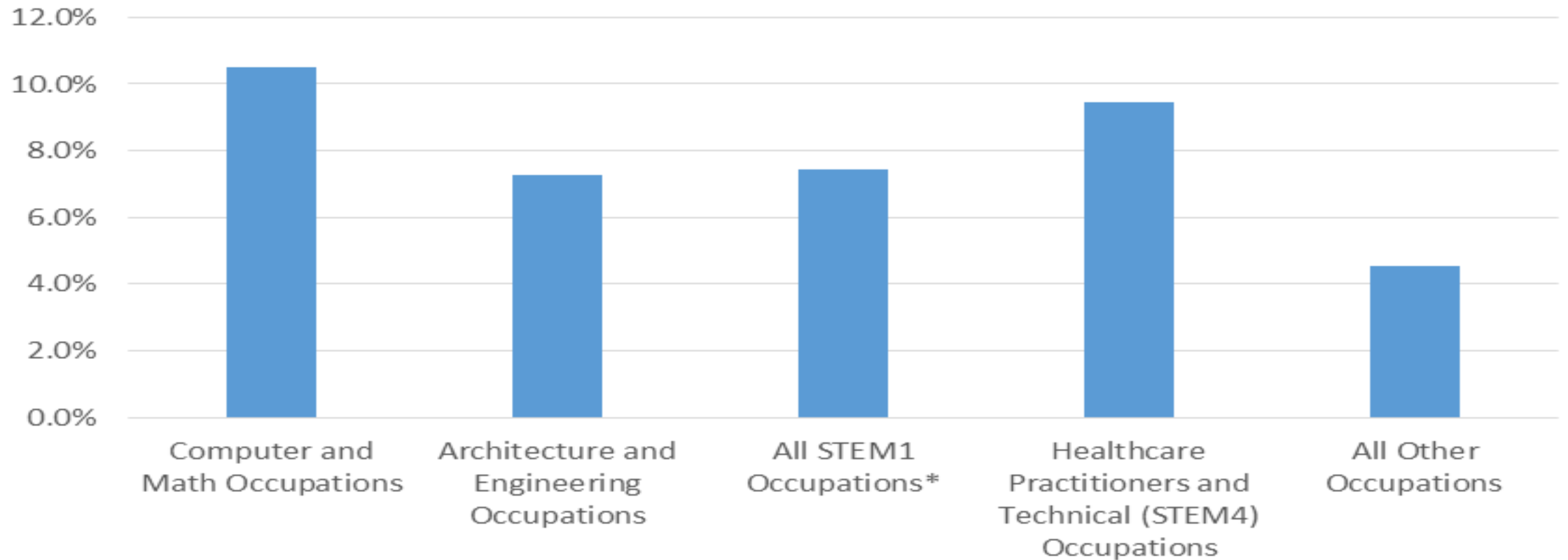
Idaho: 2022



Job Growth / Workforce Growth



Vacancy Rates

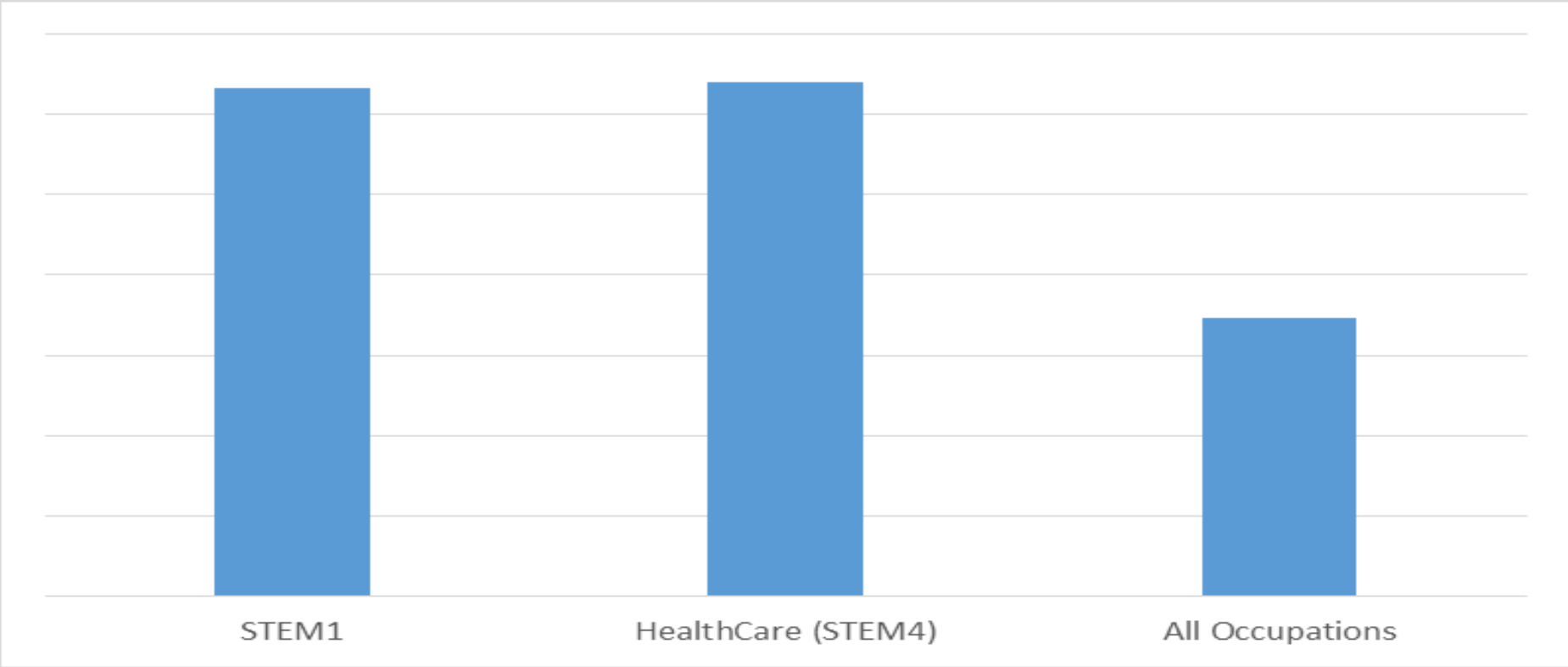


Source: The Conference Board Help Wanted OnLine® and IDOL, Communications and Research Division

Wages: STEM vs. All

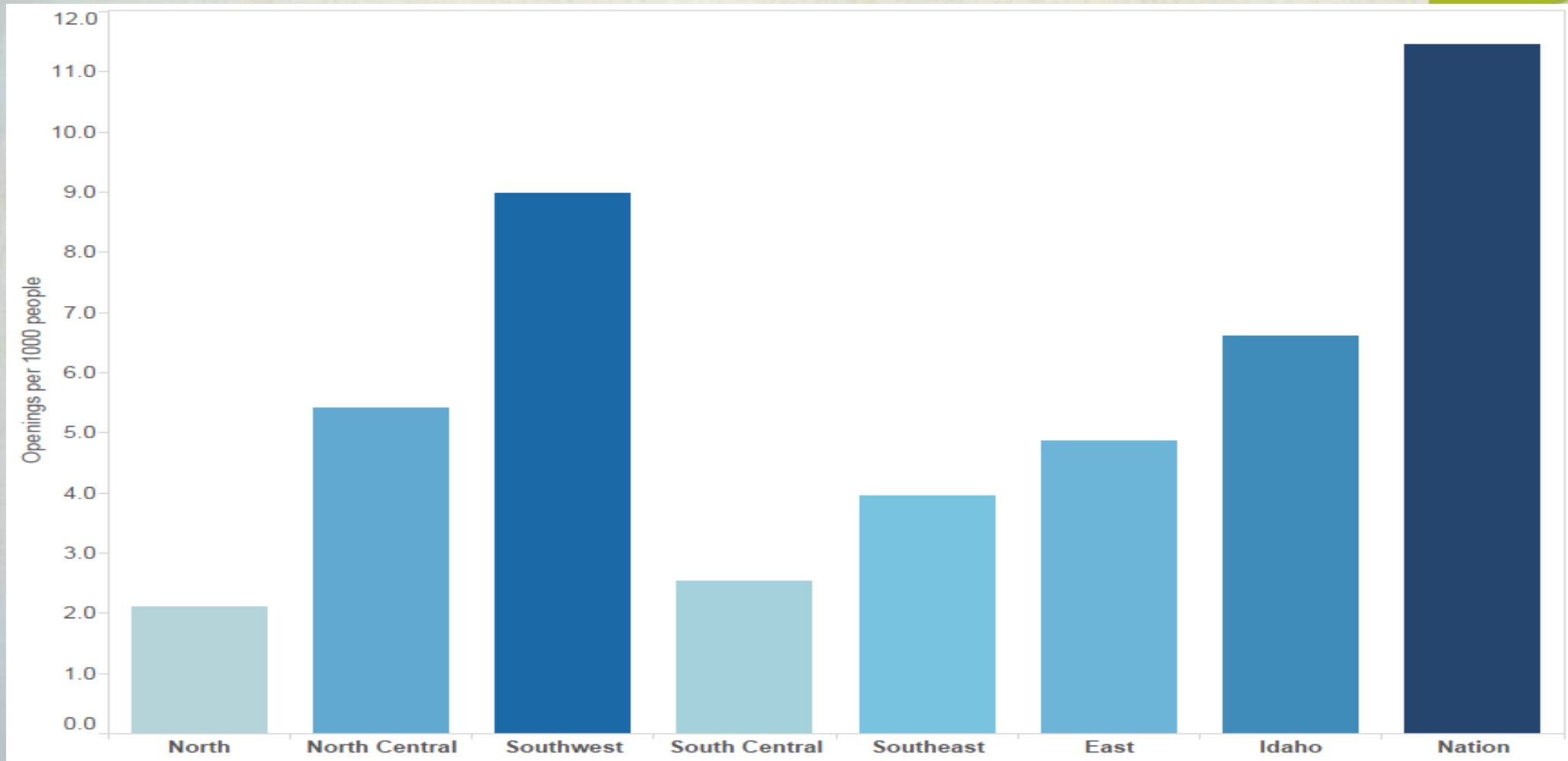


	% Above Idaho Median Wage
STEM1	82.9%
HealthCare (STEM4)	84.8%



STEM 1 Occupations Postings per 1000 people, Jan-April 2015

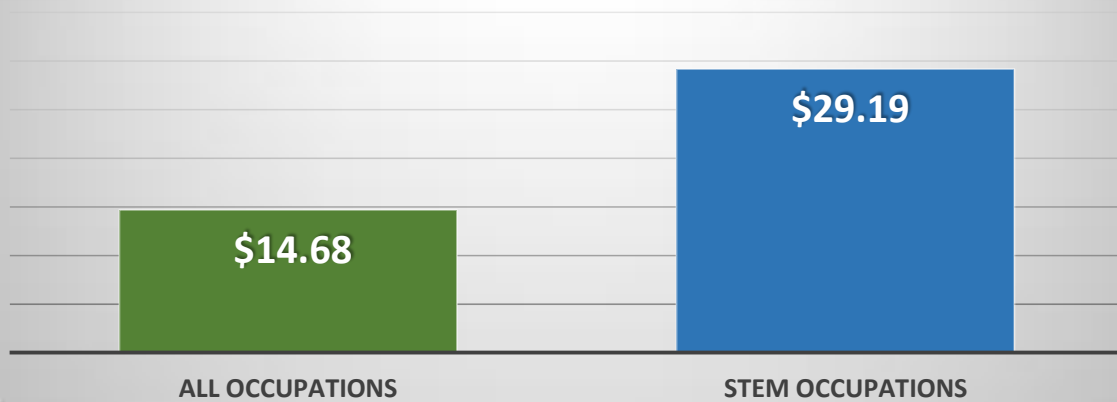
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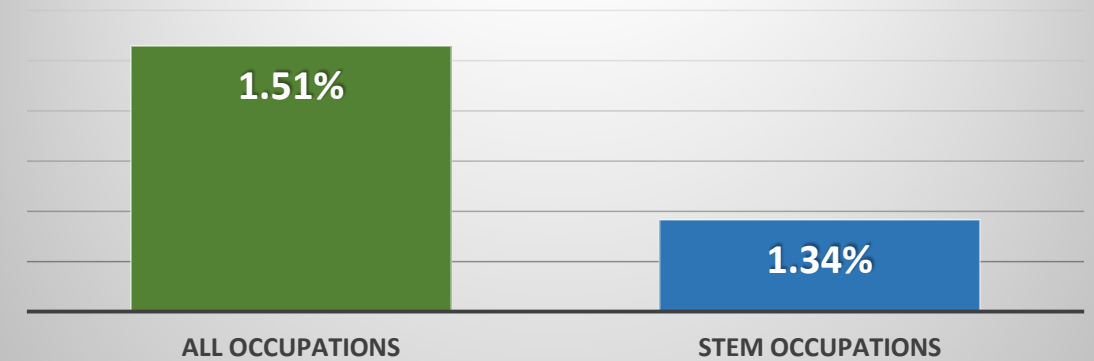
STEM 2012-2022 Projections

	Employment Annualized Growth Rate	Total Annual Openings (Growth and Replacement)	Median Hourly Wage (Weighted)
All Occupations	1.51%	26,784	\$ 14.68
STEM Occupations	1.34%	1,740	\$ 29.19

Median Wage 2014



Projected Annual Employment Growth Rate
(Annualized 2012-2022)



Understanding the 60% Goal

- Impact of technology on the marketplace
- High school of yesterday versus technology-based economy of today
- 60% understates the real need

Projecting Future Needs

- Reconciliation of Supply and Demand
 - INL and related companies
 - Engineers
 - STEM educators
- Impact on Education Funding
 - Higher Education
 - Colleges of Education
- Impact on Economic Growth